


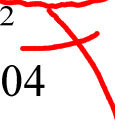
Two students evaluated this expression: $(3+5.4) + 5.2 \times 10^2$

You try it now....

Student A


$$\begin{aligned}(3+5.4) + 5.2 \times 10^2 \\&= 8.4 + 5.2 \times 10^2 \cdot \\&= 13.6 \times 10^2 \\&= 13.6 \times 100 \\&= 1360\end{aligned}$$

Student B


$$\begin{aligned}(3+5.4) + 5.2 \times 10^2 \\&= 8.4 + 5.2 \times 10^2 \\&= 8.4 + 52^2 \\&= 8.4 + 2704 \\&= 2712.4\end{aligned}$$

How did they do?

How would you do it?

$$\begin{aligned} & (3+5.4) + 5.2 \times 10^2 \\ &= 8.4 + 5.2 \times 10^2 \\ &= 8.4 + 5.2 \times 100 \\ &= 8.4 + 520 \\ &= 528.4 \end{aligned}$$

✓ 1st B - ()
✓ 2nd E - 20 ←
✓ 3rd D or M " from Left to right
4 - A or S "

BEDMAS or more accurately,

B - Brackets

E - Exponents

DM - Division or Multiplication in order from left to right

AS - Addition or subtraction in order from left to right